

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended) A module for an elongated lighting system, ~~said module being of discrete length and having a plurality of electronic devices on an elongated support, said module having electronic devices connected to a pair of electrical conductors, said electrical conductors having a length not exceeding the discrete length of the module, said module being moulded with the electronic devices, elongated support and electrical conductors embedded in at least one of transparent, opaque, and semi-transparent plastic material~~ comprising:

a plastic enclosure having a discrete enclosure length;

an elongated support embedded within said plastic enclosure and having a support length less than that of said enclosure length;

a plurality of electronic devices positioned on said elongated support; and

a pair of electrical conductors connected to said plurality of electronic devices, wherein said elongated support and said plurality of electronic devices are fully enclosed within said plastic enclosure.

Claim 2 (currently amended) The module of Claim 1 in which ~~the~~ said plurality of electronic devices ~~are~~ include LEDs.

Claim 3 (currently amended) The module of Claim 1 in which ~~the~~ said plurality of electronic devices are selected from LEDs, light-emitting plastic compositions, polymers or organic substances, sensors, lighting systems, piezoelectric devices, incandescent bulbs, laser diodes and electroluminescent devices.

Claim 4 (currently amended) The module of Claim 2 in which ~~the~~ said pair of electrical conductors have a conductor length less than ~~the~~ said discrete enclosure length of the module.

Claim 5 (currently amended) The module of Claim 2 in which said pair of electric conductors are ~~adapted to be~~ connected to a source of electricity external to said ~~plastic material of the module.~~

Claim 6 (currently amended) The module of Claim 2 in which said pair of electrical conductors are ~~adapted to be~~ connected to a source of electricity internal to said plastic enclosure ~~material located beneath the module.~~

Claim 7 (currently amended) The module of Claim 5 in which said pair of electrical conductors are ~~adapted to be~~ connected to a source of electricity external to said plastic enclosure ~~material located beneath the module.~~

Claim 8 (currently amended) The module of Claim 2 in which ~~the~~ said elongated support has a non-planar shape ~~such that at least one LED is oriented longitudinally from the a longitudinal plane of the moulded plastic material.~~

Claim 9 (cancelled)

Claim 10 (currently amended) The module of Claim 2 in which ~~the~~ said elongated support has at least one LED whose light is at least partially oriented by a lensing device.

Claim 11 (currently amended) The module of Claim 2 in which ~~the~~ said elongated support is a metallic support.

Claim 12 (currently amended) The module of Claim 2 in which ~~the~~ said elongated support is a heat sink.

Claim 13 (currently amended) The module of Claim 2 in which there is a continuous electrical circuit through the LEDs for less than the said discrete enclosure length ~~of the module.~~

Claim 14 (currently amended) ~~A module for an elongated lighting system, said module being of discrete length and having~~ The module of Claim 1 wherein at least one of a light emitting material, a light emitting device, a detection device, a power generating device and a storage device is positioned on an said elongated support, ~~said module having at least one of said devices connected to a pair of electrical conductors, said electrical conductors having a length not exceeding the discrete length of the module, said module being moulded with the devices, elongated support and electrical conductors being embedded in at least one of transparent, opaque, and semi-transparent plastic material.~~

Claim 15 (canceled)

Claim 16 (canceled)

Claim 17 (original) The module of Claim 14 having a plurality of at least one of light detection devices, signal analog devices and digital devices.

Claim 18 (original) The module of Claim 1 further comprising an ~~An~~ elongated lighting system ~~comprising including~~ a plurality of said ~~modules of discrete length~~ arranged end-to-end, said modules being connected to a source of electricity provided by electrical cables disposed beneath said modules, ~~each of said modules having a plurality of LEDs on an elongated support, said LEDs being connected to a pair of electrical conductors having a length not exceeding the discrete length of the module, said modules being moulded with LEDs, elongated support and electrical conductors being embedded in at least one of transparent, opaque and semi-transparent plastic material.~~

Claim 19 (original) The module elongated lighting system of Claim 18 in which the said modules are located in an elongated channel, with ~~the said~~ the electrical cable cables being beneath ~~the said~~ said modules and within ~~the said elongated~~ said elongated channel.

Claim 20 (canceled)

Claim 21 (canceled)

Claim 22 (canceled)

Claim 23 (canceled)

Claim 24 (canceled)

Claim 25 (canceled)

Claim 26 (canceled)

Claim 27 (canceled)

Claim 28 (canceled)

Claim 29 (currently amended) The module of Claim 1 further comprising: An elongated lighting system comprising a plurality of modules of discrete length arranged end-to-end, said modules being able to generate electricity and light using at least one of embedded piezoelectric devices and solar panels and having one of an embedded and external electrical storage capacity devices using at least one of batteries and capacitors for providing electricity to said module, said modules having a plurality of LEDs on an elongated support, said LEDs being connected to a pair of electrical conductors having a length not exceeding the discrete length of the module, said modules being embedded in at least one of transparent, opaque and semi-transparent plastic material.

Claim 30 (original) An elongated lighting system which comprises a plurality of modules of discrete length arranged end-to-end, said modules being energized by an induced voltage using an embedded magnetic core and coiled wire, said modules having a plurality of LEDs on an elongated support, said LEDs being connected to a pair of electrical conductors having a length not exceeding the discrete length of the module, said modules being moulded with the LEDs, elongated support and electrical conductors being embedded in at least one of transparent, opaque and semi-transparent plastic material.

Claim 31 (canceled)

Claim 32 (new) A module for an elongated lighting system comprising:

an elongated support;
one or more light-emitting devices positioned on said elongated support;
one or more reflectors, said one or more reflectors being operatively positioned with respect to said one or more light-emitting devices;
electrical conductors connected to said one or more light-emitting devices; and
a plastic enclosure fully enclosing said elongated support, said one or more light-emitting devices, said one or more reflectors and said electrical conductors.

Claim 33 (new) The module of Claim 32 further comprising a heat sink connected to each of said one or more light-emitting devices.

Claim 34 (new) The module of Claim 32 further comprising one or more lens elements, said one or more lens elements being positioned to provide directionality to light being emitted by said one or more light-emitting devices.

Claim 35 (new) The module of Claim 34 wherein said one or more lens elements are embedded within said plastic enclosure.

Claim 36 (new) The module of Claim 34 wherein said one or more lens elements are formed on an upper surface of said plastic enclosure.

Claim 37 (new) The module of Claim 32 wherein said elongated support is a non-planar shape.

Claim 38 (new) The module of Claim 32 wherein said one or more light-emitting device are a plurality of light-emitting devices.

Claim 39 (new) The module of Claim 33 wherein said plurality of light-emitting devices are arranged in a non-coplanar orientation within said plastic enclosure.

Claim 40 (new) The module of Claim 32 wherein said one or more reflectors are positioned within said plastic enclosure to provide directionality to light being emitted by said one or more light-emitting devices.

Claim 41 (new) An elongated lighting system comprising:

a channel member including a pair of electrical source connectors; and
one or more elongated lighting module sized and shaped to be receivable within said channel member, each of said one or more elongated lighting module including a plastic enclosure, said moulded plastic enclosure encapsulating an elongated support including one or more light-emitting devices positioned on said elongated support and electrical conductors connected to said one or more light-emitting device and extending from said plastic enclosure so as to make contact with said pair of electrical source connectors.

Claim 42 (new) The system of Claim 41 wherein said channel member includes a central support and said pair of electrical source connectors are separated from each other by said central support.

Claim 43 (new) The system of Claim 42 wherein said channel member includes a pair of spaced grooved respectively formed on opposite sides of said central support.

Claim 44 (new) The system of Claim 43 wherein said plastic enclosure includes a pair of spaced legs which are sized and shaped to fit into said pair of spaced grooves.

Claim 45 (new) The system of Claim 41 wherein said channel is embedded below grade.

Claim 46 (new) The system of Claim 41 wherein said channel is anchored above grade.